Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

MEASUREMENT SHEETS

"SECOND AND FINAL BILL"

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, Sri Krishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No	2								
Item Name	KSRRB300 - Excavation for road, drains and similar works .KSRRB300-1 : Earthwork excavation by manual means in ordinary soil involving as average horizontal throw upto 2 mters and an average lifts upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per								
SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Vide Premeasurement Page no. 07					281.48			60
	Upto 125%					264.80	**Cum**	217.00	57461.38
	Above 125%					16.69	**Cum**	217.00	3620.65
						16.68			3619.56

Item No:	4								
Item Name:	KSRB M2100-10 : Providing and laying plain cement concrete of Mix 1:3:6 with OPC @ 220kgs.with crushed 40mm and down size graded granite mental coarse aggregate @ 0.89 cum and fine aggregate @ 0.46 cum, in foundation mechanically mixed , placed in foundation and compacted by vibration including curing for 14 days including cost of all								
SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Vide Premeasurement Page no. 09					6.51			37056.92
	Qty Payable in this bill					**6.51**	**Cum**	**5692.00**	37037.84

Item No:	5								
Item Name:	KSRB 5.2-3: Providing and constructing granite / trap / baslt size stone masonary in foundation with cement mortar, stone hammered dressed in course not less then 20 cms high, bond stones at 2m, apart in each course including cost materials, labour, curing complete as per specifications.								
SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Vide Premeasurement Page no. 03					16.38			83767.31
	Qty Payable in this bill					**16.38**	**Cum**	**5114.00**	83785.73

Item No:	6								
Item Name:	KSRB 4-1.6: Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC at 240kgs, with 20mm and down size granite metal coarse aggregates at 0.878 cum and fine aggregates at 0.53cum machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundations, plinth and cills, including cost of all								
SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Vide Premeasurement Page no. 04					4.88			29445.92
	Qty Payable in this bill					**4.88**	**Cum**	**6034.00**	29447.43

Contractor Representative

Consultant Representative

NEWLEN CONSULTANT BANGALORE

Asst. Engineer

Asst.Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work Improvements to Roads and drains works at Kattigenahalli Main and Cross, Srinagara, Niranthara layout, Sri Krishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No	10								
Item Name	KSRRB M300-14 Excavation for roadwork in soil with hydralic excavation of 0.9cum bucket capacity including cutting and loading tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross section , and transportating to the embankment location to a lead of 1 km and complete as per								
SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Vide Premeasurement Page no. 05					3920.74			.40
	Qty Payable in this bill					**3920.74**	**Cum**	**60.00**	**235244.52**
Item No	11								
Item Name	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC , Carriage of mixed materials to work site, spreading in uniform layers with motor grader on prepared surface and								
SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Vide Premeasurement Page no. 07					1320.83			2767138.85
	Qty Payable in this bill					**1320.83**	**Cum**	**2095.00**	**2767144.72**
Item No	12								
Item Name	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the								
SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Vide Premeasurement Page no. 09					2342.30			4921172.30
	Qty Payable in this bill					**2342.30**	**Cum**	**2101.00**	**4921178.08**
Item No	13								
Item Name	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications with all lead and lift and as per the direction of								
SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Vide Premeasurement Page no. 11					26188.38			
	Qty Payable in this bill					**26188.38**	**Sqm**	**30.00**	**785651.40**
Item No	14								

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SLNO 14	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
Item Name:	KSRRB 500-2 Cleaning the existing black topped surfce with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of material, labour, HOM curing, complete as per specificatioons (P.No158.1, I.No-21.12,KPWD SR2018-19)								
SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Vide Premeasurement Page no. 16					4862.83			
	Qty Payable in this bill					**4862.83**	**Sqm**	**6.00**	**29176.98**
Item No:	**15**								
Item Name:	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per								
SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Vide Premeasurement Page no. 31					31051.21			
	Qty Payable in this bill					**31051.21**	**Sqm**	**13.00**	**403665.73**
Item No:	**16**								
Item Name:	KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve								
SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Vide Premeasurement Page no. 26					1306.59			9049373.08
	Qty Payable in this bill					**1306.59**	**Cum**	**6926.00**	**9049409.44**

Contractor Representative

NEWLEN CONSULTANT BANGALORE

Consultant Representative

Asst Engineer

Asst.Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No: 8

Item Name: Providing and Fixing RCC pre cast covering Slab of 100mm thick for drains in cement concrete M25 using graded granite jelly 20mm and down size with steel reinforecement , including form work, lift charges, curing and concrete finishined surfaces on both side etc ,

Measurement recorded on

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	6th A Main Road, 1st Cross Rd											
	RHS From Main Rd											
	10.00	29.50	1	19.50	0.90				17.55			
	2nd Cross Rd											
	LHS From Main Rd											
	30.00	32.60	1	2.60	0.90				2.34			
	RHS From End											
	0.00	19.40	1	19.40	0.90				17.46			
	Cross Road 05											
	LHS From 8th Main Rd											
	29.00	59.00	1	30.00	0.90				27.00			
	103.20	132.30	1	29.10	0.90				26.19			
	RHS From End											
	0.00	12.30	1	12.30	0.90				11.07			
	33.60	59.10	1	25.50	0.90				22.95			
	72.00	73.80	1	1.80	0.90				1.62			
	6th B Main Road											
	LHS From Main Rd											
	30.00	39.90	1	9.90	0.90				8.91			
	46.70	61.50	1	14.80	0.90				13.32			
	RHS From End											
	72.20	81.10	1	8.90	0.90				8.01			
	90.90	109.30	1	18.40	0.90				16.56			
	kattigenahalli 3rd main cross road 3											
	60.00	80.00	1	20.00	0.90				18.00			
	96.50	116.40	1	19.90	0.90				17.91			
	151.80	169.50	1	17.70	0.90				15.93			
	Saptha giri layout cross road 3 RHS											
	10.00	23.50	1	13.50	0.90				12.15			
	Saptha giri layout cross road 3 LHS											
	28.00	55.00	1	27.00	0.90				24.30			
	Saptha giri layout cross road 1 LHS											
	12.00	24.00	1	10.00	0.90				9.00			
	46.00	59.00	1	13.00	0.90				11.70			
	Saptha giri layout cross road 1RHS											
	55.00	60.00	1	5.00	0.90				4.50			
	Kuvempu nagar kattigenahalli 2nd main											
	4.50	30.00	1	25.50	0.90				22.95			
	34.00	51.00	1	17.00	0.90				15.30			
	55.70	80.00	1	24.30	0.90				21.87			
	112.00	121.30	1	9.30	0.90				8.37			

354.96

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	259.50	280.00	1	20.50	0.90				18.45			
	311.80	326.70	1	14.00	0.90				12.60			
	Kuvempu nagar kattigenahalli 2nd main											
	25.00	55.00	1	30.00	0.90				27.00			
	121.00	133.00	1	10.00	0.90				9.00			
	Kuvempu nagar kattigenahalli 2nd main											
	10.00	30.00	1	20.00	0.90				18.00			
	55.00	66.00	1	11.00	0.90				9.90			
	5th Main Road											
	LHS From End											
	103.00	115.40	1	12.40	0.90				11.16			
	115.40	135.00	1	19.60	0.90				17.64			
	206.70	232.70	1	26.00	0.90				23.40			
	299.50	326.60	1	19.00	0.90				17.10			
	454.60	484.60	1	30.00	0.90				27.00			
	484.60	544.60	1	30.00	0.90				27.00			
	Police training school thanisandra LHS											
	0.00	30.00	1	30.00	0.90				27.00			
	30.00	60.00	1	30.00	0.90				27.00			
	60.00	90.00	1	30.00	0.90				27.00			
	90.00	120.00	1	30.00	0.90				27.00			
	120.00	150.00	1	30.00	0.90				27.00			
	150.00	150.60	1	0.60	0.90				0.54			
	150.60	180.60	1	30.00	0.90				27.00			
	180.60	210.60	1	30.00	0.90				27.00			
	210.60	240.60	1	30.00	0.90				27.00			
	240.60	270.60	1	30.00	0.90				27.00			
	270.60	300.60	1	30.00	0.90				27.00			
	300.60	330.60	1	30.00	0.90				27.00			
	330.60	360.60	1	30.00	0.90				27.00			
	360.60	363.60	1	3.00	0.90				2.70			
	Police training school thanisandra RHS											
	0.00	30.00	1	30.00	0.90				27.00			
	30.00	49.20	1	19.20	0.90				17.28			
								Total Qty Work Done	**944.73**	**Sqm**		
								Qty Payable in this bill	**944.73**	**Sqm**		
								Qty Paid in 1st Bill	**3520.88**	**Sqm**		
								Total Qty	**4465.61**	**Sqm**		**2315239.52**
								Qty Payable in 2nd Bill	**944.73**	**Sqm**	**2453.00**	**2317422.69**

943.84

Contractor Representative

NEW LEN CONSULTANT BANGALORE

Consultant Representative

Asst. Engineer

Asst.Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work Improvements to Roads and drains works at Kattigenahalli Main and Cross, Srinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No: 9

Item Name: Providing and Fixing pre cast covering Slab 250mm thick made out of M25 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete As per Engineer incharge. (Data Rate)

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	FOR SSM CULVERT											
	Sri Krishna Garden Main road RHS											
	0.00	6.20	1	6.20	1.50	1.50	1.50		9.30			
	Kattigenahalli 2nd main road											
	0.00	6.90	1	6.90	1.50	1.50	1.50		10.35			
	Kattigenahalli 3rd main road											
	0.00	11.00	1	11.00	1.50	1.50	1.50		16.50			
								Total Qty Work Done	**36.15**	**Sqm**		
								Qty Payable in this bill	**36.15**	**Sqm**		
								Qty Paid in 1st Bill	**46.80**	**Sqm**		
								Total Qty	**82.95**	**Sqm**		
								Qty Payable in 2nd Bill	**36.15**	**Sqm**	**5688.00**	**205621.20**

Contractor Representative

NEWLEN CONSTANT BANGLORE

Consultant Representative

26/5/24

Asst Engineer

26/5/24

Asst.Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranth layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No

Measurement Sheet

Second and Final Bill

Item No: 17

Item Name: Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP- 53-2015 do- using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% ofVG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) with all lead and lift and as per the direction of Engineer in-charge.

Measurement recorded on:

SLNO	CHAINAGE: Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Palanahalli 25th cross road											
	0.00	30.00	1	30.00	7.50	7.50	7.50	0.040	9.00			
	30.00	50.00	1	20.00	7.50	7.50	7.50	0.040	6.00			
	50.00	80.00	1	30.00	7.50	7.50	7.50	0.040	9.00			
	80.00	110.00	1	30.00	7.50	7.50	7.50	0.040	9.00			
	110.00	122.50	1	12.50	7.50	7.50	7.50	0.040	3.75			
	122.50	152.50	1	30.00	7.50	7.50	7.50	0.040	9.00			
	152.50	159.10	1	6.60	7.50	7.50	7.50	0.040	1.98			
	159.10	165.80	1	6.70	7.50	7.50	7.50	0.040	2.01			
	165.80	174.50	1	8.70	7.50	7.50	7.50	0.040	2.61			
	174.50	190.90	1	16.40	7.50	7.50	7.50	0.040	4.92			
	190.90	199.30	1	8.40	7.50	7.50	7.50	0.040	2.52			
	199.30	229.30	1	30.00	7.50	7.50	7.50	0.040	9.00			
	229.30	247.30	1	18.00	7.50	7.50	7.50	0.040	5.40			
	247.30	277.30	1	30.00	7.50	7.50	7.50	0.040	9.00			
	277.30	307.30	1	30.00	7.50	7.50	7.50	0.040	9.00			
	307.30	337.30	1	30.00	7.50	7.50	7.50	0.040	9.00			
	337.30	367.30	1	30.00	7.50	7.50	7.50	0.040	9.00			
	367.30	397.30	1	30.00	7.50	7.50	7.50	0.040	9.00			
	397.30	427.30	1	30.00	7.50	7.50	7.50	0.040	9.00			
	427.30	457.30	1	30.00	7.50	7.50	7.50	0.040	9.00			
	457.30	487.30	1	30.00	7.50	7.50	7.50	0.040	9.00			
	487.30	517.30	1	30.00	7.50	7.50	7.50	0.040	9.00			
	517.30	536.30	1	19.00	7.50	7.50	7.50	0.040	5.70			
	Bhagath enclave 2nd cross											
	0.00	30.00	1	30.00	7.00	6.60	6.80	0.040	8.16			
	30.00	60.00	1	30.00	6.60	6.40	6.50	0.040	7.80			
	60.00	89.00	1	29.00	6.40	6.30	6.35	0.040	7.37			
	Bindu layout cross road 1											
	0.00	30.00	1	30.00	6.00	6.00	6.00	0.040	7.20			
	30.00	60.00	1	30.00	6.00	6.00	6.00	0.040	7.20			
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.040	7.20			
	90.00	97.00	1	7.00	6.00	5.10	5.55	0.040	1.55			
	Bindu layout cross road 2											
	0.00	30.00	1	30.00	5.00	5.60	5.30	0.040	6.36			
	30.00	60.00	1	30.00	5.60	5.50	5.55	0.040	6.66			
	60.00	90.00	1	30.00	5.50	5.30	5.40	0.040	6.48			
	90.00	95.50	1	5.50	5.30	5.50	5.40	0.040	1.19			
	Bindu layout cross road 3											
	0.00	30.00	1	30.00	6.00	6.00	6.00	0.040	7.20			
	30.00	60.00	1	30.00	6.00	5.80	5.90	0.040	7.08			
	60.00	67.00	1	7.00	5.80	5.30	5.55	0.040	1.55			

243.89

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS	RATE	AMOUNT
	Land Mark			(m)	(m)	(m)	(m)	(m)				
	Bindu layout cross road A											
	0.00	30.00	1	30.00	4.50	4.50	4.50	0.040	5.40			
	30.00	60.00	1	30.00	4.50	4.50	4.50	0.040	5.40			
	60.00	90.00	1	30.00	4.50	4.50	4.50	0.040	5.40			
	90.00	104.00	1	14.00	4.50	4.50	4.50	0.040	2.52			
	Kattigenahalli main road towards 2nd main road											
	0.00	30.00	1	30.00	6.20	5.30	5.75	0.040	6.90			
	30.00	60.00	1	30.00	5.30	5.55	5.43	0.040	6.51			
	60.00	80.00	1	20.00	5.10	7.10	6.10	0.040	4.88			
	80.00	98.00	1	18.00	9.50	11.00	10.25	0.040	7.38			
	98.00	120.00	1	22.00	11.00	6.40	8.70	0.040	7.66			
	120.00	150.00	1	30.00	5.70	5.30	5.50	0.040	6.60			
	150.00	180.00	1	30.00	5.30	7.50	6.40	0.040	7.68			
	180.00	210.00	1	30.00	7.70	5.50	6.60	0.040	7.92			
	210.00	240.00	1	30.00	5.50	8.80	7.15	0.040	8.58			
	240.00	250.00	1	10.00	8.80	7.20	8.00	0.040	3.20			
	250.00	280.00	1	30.00	7.20	6.60	6.90	0.040	8.28			
	280.00	310.00	1	30.00	6.60	6.00	6.30	0.040	7.56			
	310.00	330.00	1	20.00	6.00	8.20	7.10	0.040	5.68			
	330.00	336.00	1	6.00	8.20	10.00	9.10	0.040	2.18			
	Kattigenahalli 2nd main road											
	0.00	30.00	1	30.00	5.20	4.40	4.80	0.040	5.76			
	30.00	60.00	1	30.00	4.40	4.40	4.40	0.040	5.28			
	60.00	90.00	1	30.00	4.40	4.50	4.45	0.040	5.34			
	90.00	120.00	1	30.00	4.50	4.70	4.60	0.040	5.52			
	120.00	134.00	1	14.00	4.70	5.80	5.25	0.040	2.94			
	134.00	164.00	1	30.00	5.80	6.70	6.25	0.040	7.50			
	164.00	194.00	1	30.00	6.70	6.60	6.65	0.040	7.98			
	194.00	224.00	1	30.00	6.60	6.30	6.45	0.040	7.74			
	224.00	254.00	1	30.00	6.30	6.40	6.35	0.040	7.62			
	254.00	284.00	1	30.00	6.40	6.00	6.20	0.040	7.44			
	284.00	314.00	1	30.00	6.00	7.00	6.50	0.040	7.80			
	314.00	344.00	1	30.00	7.00	6.50	6.75	0.040	8.10			
	344.00	374.00	1	30.00	6.50	6.50	6.50	0.040	7.80			
	374.00	404.00	1	30.00	6.50	7.00	6.75	0.040	8.10			
	404.00	409.40	1	5.40	7.00	7.50	7.25	0.040	1.57			
	Kattigenahalli Cross road 1											
	0.00	30.00	1	30.00	4.00	3.90	3.95	0.040	4.74			
	30.00	60.00	1	30.00	3.90	4.30	4.10	0.040	4.92			
	60.00	90.00	1	30.00	4.30	4.50	4.40	0.040	5.28			
	90.00	120.00	1	30.00	4.50	4.20	4.35	0.040	5.22			
	120.00	124.40	1	4.40	4.20	4.20	4.20	0.040	0.74			
	Kattigenahalli Cross road 2											
	0.00	30.00	1	30.00	4.40	4.60	4.50	0.040	5.40			
	30.00	60.00	1	30.00	4.60	4.30	4.45	0.040	5.34			
	60.00	90.00	1	30.00	4.30	5.30	4.80	0.040	5.76			
	90.00	106.00	1	16.00	5.30	3.10	4.20	0.040	2.69			
	106.00	112.00	1	6.00	3.10	2.90	3.00	0.040	0.72			
	112.00	123.00	1	11.00	2.90	4.40	3.65	0.040	1.61			
	ALFA School road											
	0.00	30.00	1	30.00	6.30	3.70	5.00	0.040	0.00			
	30.00	30.60	1	0.60	3.70	3.70	3.70	0.040	6.00			
	30.60	32.00	1	1.40					0.09			
	32.00	62.00	1	30.00	3.70	5.00	4.35	0.040	5.22			
	62.00	83.00	1	21.00	5.00	5.80	5.40	0.040	4.54			
	83.00	113.00	1	30.00	5.80	5.80	5.80	0.040	6.96			
	113.00	143.00	1	30.00	5.80	5.70	5.75	0.040	6.90			
	143.00	164.00	1	21.00	5.70	4.50	5.10	0.040	4.28			
	ALFA School cross road 1											
	0.00	13.00	1	13.00	5.80	5.80	5.80	0.040	3.02			

285.63

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SL NO	CHAINAGE		NO	L	B	H1	Avg H	D	QTY	REMARKS	RATE	AMOUNT
	Land Mark			(m)	(m)	(m)	(m)	(m)				
	ALFA School cross road 2											
	0.00	30.00	1	30.00	5.70	5.70	5.70	0.040	6.84			
	30.00	35.00	1	5.00	5.70	7.30	6.50	0.040	1.30			
	Kattigenahalli TO Palanahalli Road											
	0.00	30.00	1	30.00	9.20	9.00	9.10	0.040	10.92			
	30.00	60.00	1	30.00	9.00	8.90	8.95	0.040	10.74			
	60.00	90.00	1	30.00	8.90	7.90	8.40	0.040	10.08			
	90.00	120.00	1	30.00	7.90	10.00	8.95	0.040	10.74			
	120.00	150.00	1	30.00	10.00	11.50	10.75	0.040	12.90			
	150.00	180.00	1	30.00	11.50	8.70	10.10	0.040	12.12			
	180.00	210.00	1	30.00	8.70	9.60	9.15	0.040	10.98			
	210.00	240.00	1	30.00	9.60	9.60	9.60	0.040	11.52			
	240.00	270.00	1	30.00	9.60	8.30	8.95	0.040	10.74			
	270.00	300.00	1	30.00	8.30	8.70	8.50	0.040	10.20			
	300.00	330.00	1	30.00	8.70	7.80	8.25	0.040	9.90			
	330.00	360.00	1	30.00	7.80	7.80	7.80	0.040	9.36			
	360.00	390.00	1	30.00	7.80	9.60	8.70	0.040	10.44			
	390.00	420.00	1	30.00	9.60	9.30	9.45	0.040	11.34			
	420.00	450.00	1	30.00	9.30	8.60	8.95	0.040	10.74			
	450.00	480.00	1	30.00	8.60	10.30	9.45	0.040	11.34			
	480.00	510.00	1	30.00	10.30	8.70	9.50	0.040	11.40			
	510.00	540.00	1	30.00	8.70	9.70	9.20	0.040	11.04			
	540.00	570.00	1	30.00	9.70	10.70	10.20	0.040	12.24			
	570.00	600.00	1	30.00	10.70	10.00	10.35	0.040	12.42			
	600.00	630.00	1	30.00	10.00	13.00	11.50	0.040	13.80			
	630.00	660.00	1	30.00	13.00	9.50	11.25	0.040	13.50			
	660.00	690.00	1	30.00	9.50	8.50	9.00	0.040	10.80			
	690.00	720.00	1	30.00	8.50	13.20	10.85	0.040	13.02			
	720.00	750.00	1	30.00	13.20	9.20	11.20	0.040	13.44			
	750.00	780.00	1	30.00	9.20	7.60	8.40	0.040	10.08			
	780.00	810.00	1	30.00	7.60	7.50	7.55	0.040	9.06			
	810.00	840.00	1	30.00	7.50	9.50	8.50	0.040	10.20			
	840.00	870.00	1	30.00	9.50	8.40	8.95	0.040	10.74			
	870.00	900.00	1	30.00	8.40	8.00	8.20	0.040	9.84			
	900.00	930.00	1	30.00	8.00	7.70	7.85	0.040	9.42			
	930.00	960.00	1	30.00	7.70	8.30	8.00	0.040	9.60			
	960.00	990.00	1	30.00	8.30	7.50	7.90	0.040	9.48			
	990.00	1020.00	1	30.00	7.50	7.00	7.25	0.040	8.70			
	1020.00	1050.00	1	30.00	7.00	8.20	7.60	0.040	9.12			
	1050.00	1080.00	1	30.00	8.20	10.80	9.50	0.040	11.40			
	1080.00	1110.00	1	30.00	10.80	7.70	9.25	0.040	11.10			
	1110.00	1140.00	1	30.00	7.70	8.40	8.05	0.040	9.66			
	1140.00	1170.00	1	30.00	8.40	7.10	7.75	0.040	9.30			
	1170.00	1200.00	1	30.00	7.10	7.40	7.25	0.040	8.70			
	1200.00	1230.00	1	30.00	7.40	7.10	7.25	0.040	8.70			
	1230.00	1250.00	1	20.00	7.10	6.80	6.95	0.040	5.56			
	1250.00	1280.00	1	30.00	6.80	12.50	9.65	0.040	11.58			
	1280.00	1300.00	1	20.00	12.50	9.60	11.05	0.040	8.84			
	Cross Road A											
	0.00	30.00	1	30.00	6.60	6.50	6.55	0.040	7.86			
	30.00	60.00	1	30.00	6.50	6.00	6.25	0.040	7.50			
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.040	7.20			
	90.00	120.00	1	30.00	6.00	6.00	6.00	0.040	7.20			
	120.00	150.00	1	30.00	6.30	6.30	6.30	0.040	7.56			
	150.00	180.00	1	30.00	6.30	6.30	6.30	0.040	7.56			
	180.00	200.00	1	20.00	6.30	6.70	6.50	0.040	5.20			
	Cross Road B											
	0.00	30.00	1	30.00	6.60	6.50	6.55	0.040	7.86			
	30.00	60.00	1	30.00	6.50	6.00	6.25	0.040	7.50			
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.040	7.20			
	90.00	120.00	1	30.00	6.00	6.00	6.00	0.038	6.84			

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS	RATE	AMOUNT
	Land Mark			(m)	(m)	(m)	(m)	(m)				
	120.00	150.00	1	30.00	6.30	6.30	6.30	0.040	7.56			
	150.00	180.00	1	30.00	6.30	6.30	6.30	0.040	7.56			
	180.00	200.00	1	20.00	6.30	6.70	6.50	0.039	5.07			
	Shivashankar layout 3rd main											
	0.00	30.00	1	30.00	5.00	6.70	5.85	0.040	7.02			
	30.00	60.00	1	30.00	6.70	6.00	6.35	0.040	7.62			
	60.00	90.00	1	30.00	6.00	6.70	6.35	0.040	7.62			
	90.00	120.00	1	30.00	6.70	6.70	6.70	0.040	8.04			
	120.00	150.00	1	30.00	6.70	6.60	6.65	0.040	7.98			
	150.00	171.40	1	21.40	6.60	6.40	6.50	0.040	5.56			
	Shivashankar layout 2nd main											
	0.00	30.00	1	30.00	7.00	7.25	7.13	0.040	8.55			
	30.00	60.00	1	30.00	7.25	6.80	7.03	0.040	8.43			
	60.00	90.00	1	30.00	6.80	7.20	7.00	0.040	8.40			
	90.00	120.00	1	30.00	7.20	7.30	7.25	0.040	8.70			
	120.00	150.00	1	30.00	7.30	7.10	7.20	0.040	8.64			
	150.00	171.60	1	21.60	7.10	6.60	6.85	0.040	5.92			
	Shivashankar layout cross road											
	0.00	30.00	1	30.00	5.70	5.50	5.60	0.040	6.72			
	30.00	33.00	1	3.00	5.50	5.50	5.50	0.040	0.66			
	Shivashankar layout 4th main											
	0.00	30.00	1	30.00	5.00	6.60	5.80	0.040	6.96			
	30.00	60.00	1	30.00	6.60	4.50	5.55	0.040	6.66			
	60.00	90.00	1	30.00	4.50	6.80	5.65	0.040	6.78			
	90.00	120.00	1	30.00	6.80	4.70	5.75	0.040	6.90			
	120.00	150.00	1	30.00	3.10	6.10	4.60	0.040	5.52			
	150.00	170.00	1	20.00	6.10	5.75	5.93	0.040	4.74			
								Total Qty Work Done	**1241.56**	**Cum**		
								Qty Payable in this bill	**1241.56**	**Cum**		
								Qty Paid in 1st Bill	**355.29**	**Cum**		
								Total Qty	**1596.85**	**Cum**		10106298.40
								Qty Payable in 2nd Bill	**1241.56**	**Cum**	**8140.00**	**10106285.38**

Contractor Representative

Consultant Representative

Asst Engineer 18/6/24

Asst Executive Engineer
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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
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Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work Improvements to Roads and drains works at Kattigenahalli Main and Cross, Srinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No: **18**

Item Name: KSRRB M800-13. Road Marking with Hot Applied 'Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications with all lead and lift and as per the direction of Engineer in-charge

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	Palanahalli 25th cross road edge line									
	0.00	30.00	2	30.00	0.15	0.15	0.15		9.00	
	30.00	50.00	2	20.00	0.15	0.15	0.15		6.00	
	50.00	80.00	2	30.00	0.15	0.15	0.15		9.00	
	80.00	110.00	2	30.00	0.15	0.15	0.15		9.00	
	110.00	122.50	2	12.50	0.15	0.15	0.15		3.75	
	122.50	152.50	2	30.00	0.15	0.15	0.15		9.00	
	152.50	159.10	2	6.60	0.15	0.15	0.15		1.98	
	159.10	165.80	2	6.70	0.15	0.15	0.15		2.01	
	165.80	174.50	2	8.70	0.15	0.15	0.15		2.61	
	174.50	190.90	2	16.40	0.15	0.15	0.15		4.92	
	190.90	199.30	2	8.40	0.15	0.15	0.15		2.52	
	199.30	229.30	2	30.00	0.15	0.15	0.15		9.00	
	229.30	247.30	2	18.00	0.15	0.15	0.15		5.40	
	247.30	277.30	2	30.00	0.15	0.15	0.15		9.00	
	277.30	307.30	2	30.00	0.15	0.15	0.15		9.00	
	307.30	337.30	2	30.00	0.15	0.15	0.15		9.00	
	337.30	367.30	2	30.00	0.15	0.15	0.15		9.00	
	367.30	397.30	2	30.00	0.15	0.15	0.15		9.00	
	397.30	427.30	2	30.00	0.15	0.15	0.15		9.00	
	427.30	457.30	2	30.00	0.15	0.15	0.15		9.00	
	457.30	487.30	2	30.00	0.15	0.15	0.15		9.00	
	487.30	517.30	2	30.00	0.15	0.15	0.15		9.00	
	517.30	536.30	2	19.00	0.15	0.15	0.15		5.70	
	Palanahalli 25th cross road centre line									
	0.00	30.00	0.5	30.00	0.10	0.10	0.10		1.50	
	30.00	50.00	0.5	20.00	0.10	0.10	0.10		1.00	
	50.00	80.00	0.5	30.00	0.10	0.10	0.10		1.50	
	80.00	110.00	0.5	30.00	0.10	0.10	0.10		1.50	
	110.00	122.50	0.5	12.50	0.10	0.10	0.10		0.63	

167.02

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ಶ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	122.50	152.50	0.5	30.00	0.10	0.10	0.10		1.50	
	152.50	159.10	0.5	6.60	0.10	0.10	0.10		0.33	
	159.10	165.80	0.5	6.70	0.10	0.10	0.10		0.34	
	165.80	174.50	0.5	8.70	0.10	0.10	0.10		0.43	
	174.50	190.90	0.5	16.40	0.10	0.10	0.10		0.82	
	190.90	199.30	0.5	8.40	0.10	0.10	0.10		0.42	
	199.30	229.30	0.5	30.00	0.10	0.10	0.10		1.50	
	229.30	247.30	0.5	18.00	0.10	0.10	0.10		0.90	
	247.30	277.30	0.5	30.00	0.10	0.10	0.10		1.50	
	277.30	307.30	0.5	30.00	0.10	0.10	0.10		1.50	
	307.30	337.30	0.5	30.00	0.10	0.10	0.10		1.50	
	337.30	367.30	0.5	30.00	0.10	0.10	0.10		1.50	
	367.30	397.30	0.5	30.00	0.10	0.10	0.10		1.50	
	397.30	427.30	0.5	30.00	0.10	0.10	0.10		1.50	
	427.30	457.30	0.5	30.00	0.10	0.10	0.10		1.50	
	457.30	487.30	0.5	30.00	0.10	0.10	0.10		1.50	
	487.30	517.30	0.5	30.00	0.10	0.10	0.10		1.50	
	517.30	536.30	0.5	19.00	0.10	0.10	0.10		0.95	
	Bhagath enclave 2nd cross									
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00	
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00	
	60.00	89.00	2	29.00	0.10	0.10	0.10		5.80	
	Bindu layout cross road 1									
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00	
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00	
	60.00	90.00	2	30.00	0.10	0.10	0.10		6.00	
	90.00	97.00	2	7.00	0.10	0.10	0.10		1.40	
	Bindu layout cross road 2									
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00	
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00	
	60.00	90.00	2	30.00	0.10	0.10	0.10		6.00	
	90.00	95.50	2	5.50	0.10	0.10	0.10		1.10	
	Bindu layout cross road 3									
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00	
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00	
	60.00	67.00	2	7.00	0.10	0.10	0.10		1.40	
	Bindu layout cross road A									
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00	
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00	
	60.00	90.00	2	30.00	0.10	0.10	0.10		6.00	
	90.00	104.00	2	14.00	0.10	0.10	0.10		2.80	
	Kattigenahalli main road towards 2nd main road									
	0.00	30.00	2.5	30.00	0.10	0.10	0.10		7.50	
	30.00	60.00	2.5	30.00	0.10	0.10	0.10		7.50	
	60.00	80.00	2.5	20.00	0.10	0.10	0.10		5.00	
	80.00	98.00	2.5	18.00	0.10	0.10	0.10		4.50	
	98.00	120.00	2.5	22.00	0.10	0.10	0.10		5.50	
	120.00	150.00	2.5	30.00	0.10	0.10	0.10		7.50	

148.69

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	150.00	180.00	2.5	30.00	0.10	0.10	0.10		7.50	
	180.00	210.00	2.5	30.00	0.10	0.10	0.10		7.50	
	210.00	240.00	2.5	30.00	0.10	0.10	0.10		7.50	
	240.00	250.00	2.5	10.00	0.10	0.10	0.10		2.50	
	250.00	280.00	2.5	30.00	0.10	0.10	0.10		7.50	
	280.00	310.00	2.5	30.00	0.10	0.10	0.10		7.50	
	310.00	330.00	2.5	20.00	0.10	0.10	0.10		5.00	
	330.00	336.00	2.5	6.00	0.10	0.10	0.10		1.50	
Kattigenahalli 2nd main road										
	0.00	30.00	2.5	30.00	0.10	0.10	0.10		7.50	
	30.00	60.00	2.5	30.00	0.10	0.10	0.10		7.50	
	60.00	90.00	2.5	30.00	0.10	0.10	0.10		7.50	
	90.00	120.00	2.5	30.00	0.10	0.10	0.10		7.50	
	120.00	134.00	2.5	14.00	0.10	0.10	0.10		3.50	
	134.00	164.00	2.5	30.00	0.10	0.10	0.10		7.50	
	164.00	194.00	2.5	30.00	0.10	0.10	0.10		7.50	
	194.00	224.00	2.5	30.00	0.10	0.10	0.10		7.50	
	224.00	254.00	2.5	30.00	0.10	0.10	0.10		7.50	
	254.00	284.00	2.5	30.00	0.10	0.10	0.10		7.50	
	284.00	314.00	2.5	30.00	0.10	0.10	0.10		7.50	
	314.00	344.00	2.5	30.00	0.10	0.10	0.10		7.50	
	344.00	374.00	2.5	30.00	0.10	0.10	0.10		7.50	
	374.00	404.00	2.5	30.00	0.10	0.10	0.10		7.50	
	404.00	409.40	2.5	5.40	0.10	0.10	0.10		1.35	
Kattigenahalli Cross road 1										
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00	
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00	
	60.00	90.00	2	30.00	0.10	0.10	0.10		6.00	
	90.00	120.00	2	30.00	0.10	0.10	0.10		6.00	
	120.00	124.40	2	4.40	0.10	0.10	0.10		0.88	
Kattigenahalli Cross road 2										
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00	
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00	
	60.00	90.00	2	30.00	0.10	0.10	0.10		6.00	
	90.00	106.00	2	16.00	0.10	0.10	0.10		3.20	
	106.00	112.00	2	6.00	0.10	0.10	0.10		1.20	
	112.00	123.00	2	11.00	0.10	0.10	0.10		2.20	
ALFA School road									0.00	
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00	
	30.00	30.60	2	0.60	0.10	0.10	0.10		0.12	
	30.60	32.00	2	1.40						culvert width
	32.00	62.00	2	30.00	0.10	0.10	0.10		6.00	
	62.00	83.00	2	21.00	0.10	0.10	0.10		4.20	
	83.00	113.00	2	30.00	0.10	0.10	0.10		6.00	
	113.00	143.00	2	30.00	0.10	0.10	0.10		6.00	
	143.00	164.00	2	21.00	0.10	0.10	0.10		4.20	
ALFA School cross road 1										
	0.00	13.00	2	13.00	0.10	0.10	0.10		2.60	

233.45

CBFC 2022-23 6/7/2023

CBFC 2022-23 6/7/2023

6/7/24

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	ALFA School cross road 2									
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00	
	30.00	35.00	2	5.00	0.10	0.10	0.10		1.00	
	Kattigenahalli TO Palanahalli Road edge line									
	0.00	30.00	2.0	30.00	0.15	0.15	0.15		9.00	
	30.00	60.00	2.0	30.00	0.15	0.15	0.15		9.00	
	60.00	90.00	2.0	30.00	0.15	0.15	0.15		9.00	
	90.00	120.00	2.0	30.00	0.15	0.15	0.15		9.00	
	120.00	150.00	2.0	30.00	0.15	0.15	0.15		9.00	
	150.00	180.00	2.0	30.00	0.15	0.15	0.15		9.00	
	180.00	210.00	2.0	30.00	0.15	0.15	0.15		9.00	
	210.00	240.00	2.0	30.00	0.15	0.15	0.15		9.00	
	240.00	270.00	2.0	30.00	0.15	0.15	0.15		9.00	
	270.00	300.00	2.0	30.00	0.15	0.15	0.15		9.00	
	300.00	330.00	2.0	30.00	0.15	0.15	0.15		9.00	
	330.00	360.00	2.0	30.00	0.15	0.15	0.15		9.00	
	360.00	390.00	2.0	30.00	0.15	0.15	0.15		9.00	
	390.00	420.00	2.0	30.00	0.15	0.15	0.15		9.00	
	420.00	450.00	2.0	30.00	0.15	0.15	0.15		9.00	
	450.00	480.00	2.0	30.00	0.15	0.15	0.15		9.00	
	480.00	510.00	2.0	30.00	0.15	0.15	0.15		9.00	
	510.00	540.00	2.0	30.00	0.15	0.15	0.15		9.00	
	540.00	570.00	2.0	30.00	0.15	0.15	0.15		9.00	
	570.00	600.00	2.0	30.00	0.15	0.15	0.15		9.00	
	600.00	630.00	2.0	30.00	0.15	0.15	0.15		9.00	
	630.00	660.00	2.0	30.00	0.15	0.15	0.15		9.00	
	660.00	690.00	2.0	30.00	0.15	0.15	0.15		9.00	
	690.00	720.00	2.0	30.00	0.15	0.15	0.15		9.00	
	720.00	750.00	2.0	30.00	0.15	0.15	0.15		9.00	
	750.00	780.00	2.0	30.00	0.15	0.15	0.15		9.00	
	780.00	810.00	2.0	30.00	0.15	0.15	0.15		9.00	
	810.00	840.00	2.0	30.00	0.15	0.15	0.15		9.00	
	840.00	870.00	2.0	30.00	0.15	0.15	0.15		9.00	
	870.00	900.00	2.0	30.00	0.15	0.15	0.15		9.00	
	900.00	930.00	2.0	30.00	0.15	0.15	0.15		9.00	
	930.00	960.00	2.0	30.00	0.15	0.15	0.15		9.00	
	960.00	990.00	2.0	30.00	0.15	0.15	0.15		9.00	
	990.00	1020.00	2.0	30.00	0.15	0.15	0.15		9.00	
	1020.00	1050.00	2.0	30.00	0.15	0.15	0.15		9.00	
	1050.00	1080.00	2.0	30.00	0.15	0.15	0.15		9.00	
	1080.00	1110.00	2.0	30.00	0.15	0.15	0.15		9.00	
	1110.00	1140.00	2.0	30.00	0.15	0.15	0.15		9.00	
	1140.00	1170.00	2.0	30.00	0.15	0.15	0.15		9.00	
	1170.00	1200.00	2.0	30.00	0.15	0.15	0.15		9.00	
	1200.00	1230.00	2.0	30.00	0.15	0.15	0.15		9.00	
	1230.00	1250.00	2.0	20.00	0.15	0.15	0.15		6.00	
	1250.00	1280.00	2.0	30.00	0.15	0.15	0.15		9.00	
	1280.00	1300.00	2.0	20.00	0.15	0.15	0.15		6.00	

397.00

C/F

EMAIL:newzen576@gmail.com

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS		
	Land Mark			(m)	(m)	(m)	(m)	(m)				
	Kattigenahalli TO Palanahalli Road centre line											
	0.00	30.00	0.5	30.00	0.10	0.10	0.10		1.50			
	30.00	60.00	0.5	30.00	0.10	0.10	0.10		1.50			
	60.00	90.00	0.5	30.00	0.10	0.10	0.10		1.50			
	90.00	120.00	0.5	30.00	0.10	0.10	0.10		1.50			
	120.00	150.00	0.5	30.00	0.10	0.10	0.10		1.50			
	150.00	180.00	0.5	30.00	0.10	0.10	0.10		1.50			
	180.00	210.00	0.5	30.00	0.10	0.10	0.10		1.50			
	210.00	240.00	0.5	30.00	0.10	0.10	0.10		1.50			
	240.00	270.00	0.5	30.00	0.10	0.10	0.10		1.50			
	270.00	300.00	0.5	30.00	0.10	0.10	0.10		1.50			
	300.00	330.00	0.5	30.00	0.10	0.10	0.10		1.50			
	330.00	360.00	0.5	30.00	0.10	0.10	0.10		1.50			
	360.00	390.00	0.5	30.00	0.10	0.10	0.10		1.50			
	390.00	420.00	0.5	30.00	0.10	0.10	0.10		1.50			
	420.00	450.00	0.5	30.00	0.10	0.10	0.10		1.50			
	450.00	480.00	0.5	30.00	0.10	0.10	0.10		1.50			
	480.00	510.00	0.5	30.00	0.10	0.10	0.10		1.50			
	510.00	540.00	0.5	30.00	0.10	0.10	0.10		1.50			
	540.00	570.00	0.5	30.00	0.10	0.10	0.10		1.50			
	570.00	600.00	0.5	30.00	0.10	0.10	0.10		1.50			
	600.00	630.00	0.5	30.00	0.10	0.10	0.10		1.50			
	630.00	660.00	0.5	30.00	0.10	0.10	0.10		1.50			
	660.00	690.00	0.5	30.00	0.10	0.10	0.10		1.50			
	690.00	720.00	0.5	30.00	0.10	0.10	0.10		1.50			
	720.00	750.00	0.5	30.00	0.10	0.10	0.10		1.50			
	750.00	780.00	0.5	30.00	0.10	0.10	0.10		1.50			
	780.00	810.00	0.5	30.00	0.10	0.10	0.10		1.50			
	810.00	840.00	0.5	30.00	0.10	0.10	0.10		1.50			
	840.00	870.00	0.5	30.00	0.10	0.10	0.10		1.50			
	870.00	900.00	0.5	30.00	0.10	0.10	0.10		1.50			
	900.00	930.00	0.5	30.00	0.10	0.10	0.10		1.50			
	930.00	960.00	0.5	30.00	0.10	0.10	0.10		1.50			
	960.00	990.00	0.5	30.00	0.10	0.10	0.10		1.50			
	990.00	1020.00	0.5	30.00	0.10	0.10	0.10		1.50			
	1020.00	1050.00	0.5	30.00	0.10	0.10	0.10		1.50			
	1050.00	1080.00	0.5	30.00	0.10	0.10	0.10		1.50			
	1080.00	1110.00	0.5	30.00	0.10	0.10	0.10		1.50			
	1110.00	1140.00	0.5	30.00	0.10	0.10	0.10		1.50			
	1140.00	1170.00	0.5	30.00	0.10	0.10	0.10		1.50			
	1170.00	1200.00	0.5	30.00	0.10	0.10	0.10		1.50			
	1200.00	1230.00	0.5	30.00	0.10	0.10	0.10		1.50			
	1230.00	1250.00	0.5	20.00	0.10	0.10	0.10		1.00			
	1250.00	1280.00	0.5	30.00	0.10	0.10	0.10		1.50			
	1280.00	1300.00	0.5	20.00	0.10	0.10	0.10		1.00			
	Cross Road A				0.10	0.10	0.10					
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00			
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00			
	60.00	90.00	2	30.00	0.10	0.10	0.10		6.00			
									83.00			

...BHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	Bl (m)	Avg B (m)	D (m)	QTY	REMARKS		
	90.00	120.00	2	30.00	0.10	0.10	0.10		6.00			
	120.00	150.00	2	30.00	0.10	0.10	0.10		6.00			
	150.00	180.00	2	30.00	0.10	0.10	0.10		6.00			
	180.00	200.00	2	20.00	0.10	0.10	0.10		4.00			
	Cross Road B											
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00			
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00			
	60.00	90.00	2	30.00	0.10	0.10	0.10		6.00			
	90.00	120.00	2	30.00	0.10	0.10	0.10		6.00			
	120.00	150.00	2	30.00	0.10	0.10	0.10		6.00			
	150.00	180.00	2	30.00	0.10	0.10	0.10		6.00			
	180.00	200.00	2	20.00	0.10	0.10	0.10		4.00			
	Shivashankar layout 3rd main											
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00			
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00			
	60.00	90.00	2	30.00	0.10	0.10	0.10		6.00			
	90.00	120.00	2	30.00	0.10	0.10	0.10		6.00			
	120.00	150.00	2	30.00	0.10	0.10	0.10		6.00			
	150.00	171.40	2	21.40	0.10	0.10	0.10		4.28			
	Shivashankar layout 2nd main											
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00			
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00			
	60.00	90.00	2	30.00	0.10	0.10	0.10		6.00			
	90.00	120.00	2	30.00	0.10	0.10	0.10		6.00			
	120.00	150.00	2	30.00	0.10	0.10	0.10		6.00			
	150.00	171.60	2	21.60	0.10	0.10	0.10		4.32			
	Shivashankar layout cross road											
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00			
	30.00	33.00	2	3.00	0.10	0.10	0.10		0.60			
	Shivashankar layout 4th main											
	0.00	30.00	2	30.00	0.10	0.10	0.10		6.00			
	30.00	60.00	2	30.00	0.10	0.10	0.10		6.00			
	60.00	90.00	2	30.00	0.10	0.10	0.10		6.00			
	90.00	120.00	2	30.00	0.10	0.10	0.10		6.00			
	120.00	150.00	2	30.00	0.10	0.10	0.10		6.00			
	150.00	170.00	2	20.00	0.10	0.10	0.10		4.00			
								Total Qty Work Done	**1200.36**	**Sqm**		
								Qty Payable in this bill	**1200.36**	**Sqm**		
								Qty Paid in 1st Bill	**0.00**	**Sqm**		
								Total Qty	**1200.36**	**Sqm**		570171.00
								Qty Payable in 2nd Bill	**1200.36**	**Sqm**	**475.00**	**570168.63**

Contractor Representative

Consultant Representative

Asst. Engineer

Asst. Executive Engineer

EMAIL:newzen576@gmail.com

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work Improvements to Roads and drains works at Kattigenahalli Main and Cross, Srinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No: 19

Item Name: KSRRB M800-35.Supply and installtion of mould shank raised pavement marker made of pplycarbonate ans ABS(Acerylonitrile Butadiene sytrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of thr light entering the lens face and shall support a load of 16000kg tested in accordance to specifications of category A of Morth circular no RW/NH/33023/10-97-DO IIIDt.11.06.1997. The height ,width and length shall not exceed 50mm ,10mm, and a02mm and with minimum reflective area of 13sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylinder shank, (of diameter not less then 19mm and height not less then 30mm) from the body is to be a minimum value of 500kg . Fixing will beby drilling holes on the road for the shanks togo inside, without nails and using epoxy resin based adhesive as per manufactures

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	Kattigenahalli TO Palanahalli Road											
	0.00	30.00	3	30.00					90.00			
	30.00	60.00	3	30.00					90.00			
	60.00	90.00	3	30.00					90.00			
	90.00	120.00	3	30.00					90.00			
	120.00	150.00	3	30.00					90.00			
	150.00	180.00	3	30.00					90.00			
	180.00	210.00	3	30.00					90.00			
	210.00	240.00	3	30.00					90.00			
	240.00	270.00	3	30.00					90.00			
	270.00	300.00	3	30.00					90.00			
	300.00	330.00	3	30.00					90.00			
	330.00	360.00	3	30.00					90.00			
	360.00	390.00	3	30.00					90.00			
	390.00	420.00	3	30.00					90.00			
	420.00	450.00	3	30.00					90.00			
	450.00	480.00	3	30.00					90.00			
	480.00	510.00	3	30.00					90.00			
	510.00	540.00	3	30.00					90.00			
	540.00	570.00	3	30.00					90.00			
	570.00	600.00	3	30.00					90.00			
	600.00	630.00	3	30.00					90.00			
	630.00	660.00	3	30.00					90.00			
	660.00	690.00	3	30.00					90.00			
	690.00	720.00	3	30.00					90.00			
	720.00	750.00	3	30.00					90.00			
	750.00	780.00	3	30.00					90.00			
	780.00	810.00	3	30.00					90.00			
	810.00	840.00	3	30.00					90.00			
	840.00	870.00	3	30.00					90.00			
	870.00	900.00	3	30.00					90.00			
	900.00	930.00	3	30.00					90.00			
	930.00	960.00	3	30.00					90.00			
	960.00	990.00	3	30.00					90.00			
	990.00	1020.00	3	30.00					90.00			

3060.00

47

EMAIL:newzen576@gmail.com

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	RATE	AMOUNT
	1020.00	1050.00	3	30.00					90.00			
	1050.00	1080.00	3	30.00					90.00			
	1080.00	1110.00	3	30.00					90.00			
	1110.00	1140.00	3	30.00					90.00			
	1140.00	1170.00	3	30.00					90.00			
	1170.00	1200.00	3	30.00					90.00			
	1200.00	1230.00	3	30.00					90.00			
	1230.00	1250.00	3	20.00					60.00			
	1250.00	1280.00	3	30.00					90.00			
	1280.00	1300.00	3	20.00					60.00			
	Kattigenahalli main road towards 2nd main road											
	0.00	30.00	3	30.00					90.00			
	30.00	60.00	3	30.00					90.00			
	60.00	80.00	3	20.00					60.00			
	80.00	98.00	3	18.00					54.00			
	98.00	120.00	3	22.00					66.00			
	120.00	150.00	3	30.00					90.00			
	150.00	180.00	3	30.00					90.00			
	180.00	210.00	3	30.00					90.00			
	210.00	240.00	3	30.00					90.00			
	240.00	250.00	3	10.00					30.00			
	250.00	280.00	3	30.00					90.00			
	280.00	310.00	3	30.00					90.00			
	310.00	330.00	3	20.00					60.00			
	330.00	336.00	3	6.00					18.00			
	Kattigenahalli 2nd main road											
	0.00	30.00	3	30.00					90.00			
	30.00	60.00	3	30.00					90.00			
	60.00	90.00	3	30.00					90.00			
	90.00	120.00	3	30.00					90.00			
	120.00	134.00	3	14.00					42.00			
	134.00	164.00	3	30.00					90.00			
	164.00	194.00	3	30.00					90.00			
	194.00	224.00	3	30.00					90.00			
	224.00	254.00	3	30.00					90.00			
	254.00	284.00	3	30.00					90.00			
	284.00	314.00	3	30.00					90.00			
	314.00	344.00	3	30.00					90.00			
	344.00	374.00	3	30.00					90.00			
	374.00	404.00	3	30.00					90.00			
	404.00	409.40	3	5.40					16.20			
									6136.20			
								Per 6m	1022.00			
								Total Qty Work Done	**1022.00**	**Nos**		
								Qty Payable in this bill	**1022.00**	**Nos**		
								Qty Paid in 1st Bill	**0.00**	**Nos**		
								Total Qty	**1022.00**	**Nos**		
								Qty Payable in 2nd Bill	**1022.00**	**Nos**	**375.00**	**383250.00**

Contractor Representative

Asst. Engineer 12/7/24

Consultant Representative

Asst. Executive Engineer 12/7/2024

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

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EMAIL:newzen576@gmail.com

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Name of Work: Improvements to Roads and Drains at Bhagath Enclave, Kalidasa layout, Chamundeshwari nagara, Babanagar, Srirampura, MCECHS Layout, Palanahalli and Surrounding areas in Ward No.05

Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
E)	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing, including cost of materials, labour, HOM complete as per specifications.								
	Vide pre-measurement page no. 31					31.50			
					Present Qty	31.50	mts	2873.78	90524.07

Contractor Representative

Consultant Representative

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ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Asst.Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-26

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BRUHAT BANGALORE MAHANAGARA PALIKE

of Work Improvements to Roads and drains works at Kattigenahalli Main and Cross, Srinagara, ra layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

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supply and fixing of Reteo Reflective Single Arrow Road Name Signboard of size 1600mm*900mm made out of retro reflective sheetting conforming to type XI standards of ASTM D 4956-09 & as per IRC 67-2012 for full back ground of bule colour and white letters and fixed over thick Aluminium Composite Materials sheet having minimum 0.5mm thick Aluminum skin on both sides with back side painted grey colour and fixed over bacj support frames SS angle of 15mm*20mm*1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 no of vertical posts of 50mm OD stainless pipe of 202 grade firmly fixed to the ground by means of properly designedfoundation of size 450mm*450mm*600mm in 1:1.5:3 ratio cement concrete complete as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for type XIretro reflective sheeting from the sheeting manufacture and a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted bythe contractor for technical qualification in the tender with all lead and lift and as										
Measurement recorded on:											
CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS	RATE	AMOUNT	
Land Mark		(m)	(m)	(m)	(m)	(m)					
Sign board	17.00	1.60	0.90				24.48				
						Total Qty Work Done	24.48	Nos			
						Qty Payable in this bill	24.48	Nos			
						Qty Paid in 1st Bill	0.00	Sqm			
						Total Qty	24.48	Sqm			
						Qty Payable in 2nd Bill	24.48	Sqm			
						Qty upto 125%	12.60	Sqm	14799.00	186467.40	
						Qty Above 125%	11.88	Sqm	14799.00	175812.12	
									Net Amount		**32438375.38**
									12% GST		**3892605.05**
									Grand total Amount		**36330980.42**

ntractor Representative

Asst. Engineer 12/7/24

NEW EN CONSULTANT BANGALORE

Consultant Representative

Asst.Executive Engineer 12/7/2024

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